



**Keywords:** Nernst-Planck equation, Stefan-Maxwell equations, diffusion, electrochemical transport, migration

**5 Hybrid Intelligent Systems: Selecting Attributes for Soft-Computing An**

Puntip Pattaraintakorn, Nick Cercone, Kanlaya Naruedomkul

July 2005 **COMPSAC '05: Proceedings of the 29th Annual International Software and Applications Conference - Volume 01**, Volume 01

**Publisher:** IEEE Computer Society

Full text available:  Publisher Site Additional Information: [full citation](#), [abstract](#), [cited by](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

It is difficult to provide significant insight into any hybrid intelligent system. They offer an informative account of the basic ideas underlying hybrid intelligent systems and propose a balanced approach to constructing a hybrid intelligent system.

**Keywords:** hybrid intelligent systems, rough sets

Also published in:

July 2005 **COMPSAC '05: Proceedings of the 29th Annual International Computer Software and Applications Conference - Volume 01**

**6 Knowledge, economy, technology and society: the politics of discourse**

David Rooney

November 2005 **Telematics and Informatics**, Volume 22 Issue 4

**Publisher:** Pergamon Press, Inc.

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

The WSIS is centrally interested in knowledge and has defined for itself a broadly humanitarian. Its development 'talk' is rightly, replete with notions of preserving culture, justice, human rights and so on. In incorporating

**Keywords:** culture, information, knowledge economy, knowledge society, economy, technocratic discourse

**7 A Lightweight Multiple String Matching Algorithm**

Liuling Dai, Yuning Xia

August 2008 **ICCSIT '08: Proceedings of the 2008 International Conference on Computer Science and Information Technology - Volume 1**

**Publisher:** IEEE Computer Society

Full text available:  Publisher Site Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

String matching is a fundamental issue in computer science. This paper presents a lightweight string matching algorithm for short pattern matching, in which the keywords are often involved in the pattern set. The new algorithm makes the pattern condensed ...

**Keywords:** lightweight string matching, Wumanber algorithm, QS algorit

**8 Konzeption eines Arbeitsplatzes zur Erstellung wissenschaftlicher Tex typographischer Qualität**

Wolfgang Appelt

September 1995 GI/OCG/ÖGI-Jahrestagung 1985, Wirtschaftsuniversität Wien  
Übersichtsbeiträge und Fachgespräche zu den Themenschwe Softwaretechnologie / Standardsoftware / Bürokommunikati Bildschirmtext

**Publisher:** Springer-Verlag

Additional Information: [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

**9 Collaborative Decision Making for Medical Applications**

June 2008 Proceeding of the 2008 conference on Collaborative Decision Maki Perspectives and Challenges

**Publisher:** IOS Press

Additional Information: [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

**10 Selectivity estimation for fuzzy string predicates in large data sets**

Liang Jin, Chen Li

August 2005 **VLDB '05**: Proceedings of the 31st international conference on ' bases

**Publisher:** VLDB Endowment

Full text available:  [Pdf \(380.39 KB\)](#) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

**Bibliometrics:** Downloads (6 Weeks): 628, Downloads (12 Months): 2603, Citation

Many database applications have the emerging need to support fuzzy que for strings that are similar to a given string, such as "name similar to smi "telephone number similar to 412-0964." Query optimization needs the si

**11 The Bengal Database Replication System**

Todd Ekenstam, Charles Matheny, Peter Reiher, Gerald J. Popek

May 2001 **Distributed and Parallel Databases**, Volume 9 Issue 3

**Publisher:** Kluwer Academic Publishers

Full text available:  [Publisher Site](#) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

Mobile computers often suffer from limited connectivity, or even complete network access. Moreover, in wireless networks some machines are often accessible to mobile computers than others are. Ideally, nomadic users w quality ...

**Keywords:** database, distributed, optimistic, peer-to-peer, replication

**12**

A component-oriented software toolkit for patient-specific finite element generation

Chee-Kong Chui, Zhenlan Wang, Jing Zhang, Jackson Shin-Kiat Ong, Limeng

Choon-Meng Teo, Chye-Hwang Yan, Sim-Heng Ong, Shih-Chang Wang, Hee-Swee Hin Tech

March 2009 **Advances in Engineering Software**, Volume 40 Issue 3

**Publisher:** Elsevier Science Ltd.

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

A component-oriented software system, i.BioMech (image-based biomech modeling) is proposed for generation of patient-specific finite element mesh using a systematic software engineering approach to patient/subject-specific mesh assignment ...

**Keywords:** Biomechanical modeling and simulation, Component-oriented development, Finite element mesh generation

**13** Linux for suits: bridging the gap

Doc Searls

October 2004 **Linux Journal**, Volume 2004 Issue 126

**Publisher:** Specialized Systems Consultants, Inc.

Full text available:  [Html \(15.88 KB\)](#) Additional Information: [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): 119, Downloads (12 Months): 918, Citation

**14** Recognition of gestures in Pakistani sign language using fuzzy classifier

Sumaira Kausar, M. Younus Javed, Shafeeqa Sohail

August 2008 **ISCGAV'08**: Proceedings of the 8th conference on Signal processing, computational geometry and artificial vision

**Publisher:** World Scientific and Engineering Academy and Society (WSEAS)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

Automatic recognition of sign language can be used as an efficient mean of communication with deaf people. In this paper, a fuzzy classifier to recognize Pakistani sign language is proposed. In the proposed method, colored gloves are used ...

**Keywords:** Pakistani sign language (PSL), colored gloves, finger angles,

**15** Approximation of involute curves for CAD-system processing

Fumitaka Higuchi, Shuuichi Gofuku, Takashi Maekawa, Harish Mukundan, Nikos Patrikalakis

July 2007 **Engineering with Computers**, Volume 23 Issue 3

**Publisher:** Springer-Verlag

Additional Information: [full citation](#), [abstract](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

In numerous instances, accurate algorithms for approximating the original curves are required. One typical example is a circle involute curve which represents the geometry behind a gear tooth. The circle involute curves are by definition

**Keywords:** Bézier curves, Chebyshev approximation formula, Circle involute gears

**16 Complexity analysis of propositional resolution with autarky pruning**

Allen Van Gelder

October 1999 **Discrete Applied Mathematics**, Volume 96-97 Issue 1

**Publisher:** Elsevier Science Publishers B. V.

Additional Information: [full citation](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

**Keywords:** Boolean formula, autarky, model, model elimination, propositional refutation, resolution, satisfiability

**17 System Optimum, Stochastic User Equilibrium, and Optimal Link Tolls**

E. Eumero, C. Vercellis, Hai Yang

April 1999 **Transportation Science**, Volume 33 Issue 4

**Publisher:** INFORMS

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

Previous studies have shown that the Wardropian system optimum may not be supported as a (logit-based) stochastic user equilibrium (SUE) by finite meaningful link tolls. This paper demonstrates that the classical principle of cost ...

**18 Modeling and Simulation of Bidding Strategies of Generation Companies Using Multi-population Replicator Dynamics**

Xian Huang, Zhan-Hua Wang

April 2009 **CSO '09: Proceedings of the 2009 International Joint Conference on Computational Sciences and Optimization (cso 2009)** - Volume 02

**Publisher:** IEEE Computer Society

Full text available:  [Publisher Site](#) Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

As independent economic entity, each power generation company in China participates in current electric power market competition by price bidding. Multi-population replicator dynamics of Evolutionary Game Theory is applied to model and analyze power ...

**Keywords:** bidding strategies, evolutionarily stable strategy, multi-population dynamics, power market

**19 Security Weaknesses in a Randomized Stream Cipher**

Niels Ferguson, Bruce Schneier, David Wagner

July 2000 **ACISP '00: Proceedings of the 5th Australasian Conference on Information Security and Privacy**

**Publisher:** Springer-Verlag

Additional Information: [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

**20**A study of the computer education program in jordanian public high sc  
analysis of students' knowledge and attitudes

Mohammed Daoud Al-Majali / Ragy Mitias

January 1999 A study of the computer education program in jordanian public  
an analysis of students' knowledge and attitudes

**Publisher:** Ohio University

Additional Information: [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation

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